

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) An evaporation chamber of materials including a vacuum chamber $[(10)]$ and a first pumping unit $[(13)]$ to pump said chamber and sources of material, ~~characterised in that the evaporating chamber comprising:~~

a wall ~~(23) liable to provide~~ providing total or partial vacuum tightness, ~~delinates~~ and delinating within the vacuum chamber $[(10)]$ a first volume $[(25)]$ pumped by said first pumping unit $[(13)]$ and a second volume $[(22)]$ pumped by a second pumping unit $[(24)]$,

wherein certain of said sources of material $[(17)]$ having a main axis $[(18)]$ are placed in the second volume $[(22)]$ and other sources $[(21)]$ are placed in the first volume $[(25)]$, and said wall $[(23)]$ includes $[(des)]$ recesses $[(26)]$, each ~~recess~~ ~~(26)~~ being ~~centred~~ centered on the main axis $[(18)]$ of one of the sources of material $[(17)]$ having $[(a)]$ the main axis $[(18)]$, and

wherein ~~in that,~~ the chamber contains means $[(27)]$ for plugging or clearing each of said recesses $[(26)]$, said means

[[(27)]] being controlled individually to protect the sources of material [[(17)]] having a main evaporation axis [[(18)]] unused.

2. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the means [[(27)]] for plugging or clearing said recesses [[(26)]] include masks.

3. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein when growing, the flow of the elements forming the materials from the first volume is pumped by the second pumping unit, through the recesses cleared ~~the flow rate, through the recesses (26) cleared, of the elements forming the materials from the first volume (25) is pumped by the second pumping unit (24).~~

4. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the wall (23) ~~liable to provide provides total or partial vacuum tightness~~ contains a plate.

5. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the first pumping unit (13) contains a primary pump and a secondary pump.

6. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the second pumping unit [(24)] contains a secondary pump.

7. (Currently Amended) An evaporation chamber according to claim 5, ~~characterised in that~~ wherein the first volume [(25)] and the second volume [(22)] include at least one liquid nitrogen storage panel [(16, 28)].

8. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the second volume [(22)] delineated by the wall [(23)] has a pressure lower than 10^{-7} Torr.

9. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the evaporation chamber contains means [(16)] for controlling the pressure in order to measure independently the pressure in the first volume [(25)] and the second volume [(22)].

10. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the sources of material [(17)] having [(a)] the main axis [(18)] placed in the second volume [(22)] include crucible cells heated by Joule effect.

11. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the sources of material [(17)] having [(a)] the main axis [(18)] placed in the second volume [(22)] include electronic bombarding evaporation guns [(20)].

12. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the sources [(21)] placed in the first volume [(25)] include at least one source [(de)] of plasma.

13. (Currently Amended) An evaporation chamber according to claim 1, ~~characterised in that~~ wherein the sources [(21)] placed in the first volume [(25)] include at least one gas injector.